

09/025, 531

=> d his

(FILE 'USPAT' ENTERED AT 09:56:16 ON 22 DEC 1998)

L1 106742 S 29/CLAS
L2 11525 S L1 AND (FRAME?)
L3 24 S L2 AND HYDROFORM####
L4 14 S L3 AND VEHICLE?
L5 75286 S 280/CLAS
L6 14647 S L5 AND (FRAME?)
L7 6 S L6 AND HYDROFORM####
L8 6 S L7 AND VEHICLE?
L9 29280 S 296/CLAS
L10 5965 S L9 AND (FRAME?)
L11 6 S L10 AND HYDROFORM####
L12 6 S L11 AND VEHICLE?
L13 52507 S 72/CLAS
L14 5477 S L13 AND (FRAME?)
L15 31 S L14 AND HYDROFORM####
L16 14 S L15 AND VEHICLE?
L17 81090 S 52/CLAS
L18 12409 S L17 AND (FRAME?)
L19 3 S L18 AND HYDROFORM####
L20 3 S L19 AND VEHICLE?
L21 87308 S 248/CLAS
L22 9078 S L21 AND (FRAME?)
L23 0 S L22 AND HYDROFORM####

291

Plane / hydro forming / Vehicle

=> d pno 14 1-14

1. 5,845,382 [IMAGE AVAILABLE]
2. 5,819,408 [IMAGE AVAILABLE]
3. 5,720,092 [IMAGE AVAILABLE]
4. 5,718,048 [IMAGE AVAILABLE]
5. 5,673,929 [IMAGE AVAILABLE]
6. 5,600,983 [IMAGE AVAILABLE]
7. 5,582,052 [IMAGE AVAILABLE]
8. 5,561,902 [IMAGE AVAILABLE]
9. 5,557,961 [IMAGE AVAILABLE]
10. 5,491,883 [IMAGE AVAILABLE]
11. 5,431,326 [IMAGE AVAILABLE]
12. 5,339,667 [IMAGE AVAILABLE]
13. 5,170,557 [IMAGE AVAILABLE]
14. 5,148,591 [IMAGE AVAILABLE]

29/

frame / hydroforming.

=> d pno 13 1-24

- | | | |
|-----|----------------------|---------------------|
| 1. | 5,845,382 | [IMAGE AVAILABLE] |
| 2. | 5,819,408 | [IMAGE AVAILABLE] |
| 3. | 5,813,266 | [IMAGE AVAILABLE] |
| 4. | 5,802,898 | [IMAGE AVAILABLE] |
| 5. | 5,802,696 | [IMAGE AVAILABLE] |
| 6. | 5,720,092 | [IMAGE AVAILABLE] |
| 7. | 5,718,048 | [IMAGE AVAILABLE] |
| 8. | 5,673,929 | [IMAGE AVAILABLE] |
| 9. | 5,600,983 | [IMAGE AVAILABLE] |
| 10. | 5,582,052 | [IMAGE AVAILABLE] |
| 11. | 5,561,902 | [IMAGE AVAILABLE] |
| 12. | 5,557,961 | [IMAGE AVAILABLE] |
| 13. | 5,499,520 | [IMAGE AVAILABLE] |
| 14. | 5,491,865 | [IMAGE AVAILABLE] |
| 15. | 5,481,892 | [IMAGE AVAILABLE] |
| 16. | 5,431,326 | [IMAGE AVAILABLE] |
| 17. | 5,372,027 | [IMAGE AVAILABLE] |
| 18. | 5,372,026 | [IMAGE AVAILABLE] |
| 19. | 5,369,667 | [IMAGE AVAILABLE] |
| 20. | 5,239,852 | [IMAGE AVAILABLE] |
| 21. | 5,170,557 | [IMAGE AVAILABLE] |
| 22. | 5,157,969 | [IMAGE AVAILABLE] |
| 23. | 5,148,501 | [IMAGE AVAILABLE] |
| 24. | 3,699,640 | [IMAGE AVAILABLE] |

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548189²
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5431326

#	Patent	Source	Flag	Issue Date	Pages	Current Original Classif	Retrieval Classif	Current Cross Reference
1	5,813,266	U	T	09/29/1998	16	72/57		29/421.1 ...
2	5,720,092	U <i>get from</i>	T	02/24/1998	6	29/421.1		29/523 ...
3	5,557,961	U <i>Shoe</i>	T	09/24/1996	11	72/61		29/421.1
4	5,339,667	U	T	08/23/1994	8	72/58		29/421.1 ...
5	5,170,557	U	T	12/15/1992	8	29/890.08		29/455.1 ...

721

frame/body/vehicle

=> d pno 116 1-14

- | | | |
|-----|-----------|---------------------|
| 1. | 5,845,382 | [IMAGE AVAILABLE] |
| 2. | 5,816,089 | [IMAGE AVAILABLE] |
| 3. | 5,718,048 | [IMAGE AVAILABLE] |
| 4. | 5,666,840 | [IMAGE AVAILABLE] |
| 5. | 5,657,922 | [IMAGE AVAILABLE] |
| 6. | 5,600,983 | [IMAGE AVAILABLE] |
| 7. | 5,582,052 | [IMAGE AVAILABLE] |
| 8. | 5,561,902 | [IMAGE AVAILABLE] |
| 9. | 5,557,961 | [IMAGE AVAILABLE] |
| 10. | 5,491,883 | [IMAGE AVAILABLE] |
| 11. | 5,445,001 | [IMAGE AVAILABLE] |
| 12. | 5,431,326 | [IMAGE AVAILABLE] |
| 13. | 5,339,667 | [IMAGE AVAILABLE] |
| 14. | 5,170,557 | [IMAGE AVAILABLE] |

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frame / hydro /

=> d pno 115 1-31

1.	<u>5,845,382</u>	[IMAGE AVAILABLE]
2.	<u>5,816,089</u>	[IMAGE AVAILABLE]
3.	5,813,266	[IMAGE AVAILABLE]
4.	5,802,898	[IMAGE AVAILABLE]
5.	5,771,730	[IMAGE AVAILABLE]
6.	<u>5,718,048</u>	[IMAGE AVAILABLE]
7.	<u>5,666,840</u>	[IMAGE AVAILABLE]
8.	<u>5,657,922</u>	[IMAGE AVAILABLE]
9.	5,630,334	[IMAGE AVAILABLE]
10.	<u>5,600,983</u>	[IMAGE AVAILABLE]
11.	<u>5,582,032</u>	[IMAGE AVAILABLE]
12.	<u>5,561,902</u>	[IMAGE AVAILABLE]
13.	<u>5,557,961</u>	[IMAGE AVAILABLE]
14.	5,533,372	[IMAGE AVAILABLE]
15.	5,499,520	[IMAGE AVAILABLE]
16.	<u>5,491,083</u>	[IMAGE AVAILABLE]
17.	5,481,892	[IMAGE AVAILABLE]
18.	<u>5,445,001</u>	[IMAGE AVAILABLE]
19.	<u>5,431,326</u>	[IMAGE AVAILABLE]
20.	5,372,027	[IMAGE AVAILABLE]
21.	5,372,026	[IMAGE AVAILABLE]
22.	5,353,618	[IMAGE AVAILABLE]
23.	<u>5,339,667</u>	[IMAGE AVAILABLE]
24.	5,239,852	[IMAGE AVAILABLE]
25.	<u>5,170,557</u>	[IMAGE AVAILABLE]
26.	5,157,969	[IMAGE AVAILABLE]
27.	5,066,351	[IMAGE AVAILABLE]
28.	4,731,617	[IMAGE AVAILABLE]
29.	4,535,689	[IMAGE AVAILABLE]
30.	3,651,685	[IMAGE AVAILABLE]
31.	3,630,056	[IMAGE AVAILABLE]

#	Patent	Source	Flag	Issue Date	Pages	Current Original Classif	Retrieval Classif	Current Cross Reference
1	5,816,089	U ?	T	10/06/1998	14	72/55		72/427 ...
2	5,813,266	U ?	T	09/29/1998	16	72/57		29/421.1 ...
3	5,666,840	U ?	T	09/16/1997	13	72/55		72/336 ...

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frame / hydro / vehicle

=> d pno 120 1-3

1. 5,718,048 ✓
2. 5,549,352 ✓
3. 5,332,281 ✓

[IMAGE AVAILABLE] (get from shse)
[IMAGE AVAILABLE] Print
[IMAGE AVAILABLE] "

#	Patent	Source	Flag	Issue Date	Pages	Current Original Classif	Retrieval Classif	Current Cross Reference
1	5,718,048✓U		T	02/17/1998	28	29/897.2		29/421.1 ...
2	5,549,352✓U		T	08/27/1996	12	296/209		52/653.2 ...
3	5,332,281✓U		T	07/26/1994	12	296/209		52/696 ...

licker ^

2801

trace / hydroforming / vehicle

=> d pno 17 1-6

1. 5,718,048 [IMAGE AVAILABLE]
2. 5,700,033 ✓ [IMAGE AVAILABLE] print
3. 5,673,929 [IMAGE AVAILABLE]
4. 5,641,176 [IMAGE AVAILABLE]
5. 5,632,508 ✓ [IMAGE AVAILABLE] print
6. 5,561,902 [IMAGE AVAILABLE]

#	Patent	Source	Flag	Issue Date	Pages	Current Original Classif	Retrieval Classif	Current Cross Reference
1	5,700,033 U		T	12/23/1997	8	280/795		280/787
2	5,632,508 U		T	05/27/1997	16	280/781		

Pick up ?

296 /

frame/hydro forming / vehicle

^{unnormal}
(done!)

=> d pno 111 1-6

1. 5,819,408 [IMAGE AVAILABLE]
2. 5,718,048 [IMAGE AVAILABLE]
3. 5,561,902 [IMAGE AVAILABLE]
4. 5,549,352 [IMAGE AVAILABLE]
5. 5,449,213 [IMAGE AVAILABLE]
6. 5,332,281 [IMAGE AVAILABLE]